

01/18/1993 08:33 207-772-0300 EASTERN ELECTRICAL PAGE 02

# **PDA** Phillip J. Doughty Associates — Architects

364 U.S. Route One, Falmouth, Maine 04105

Telephone 207•781•5346

204-A-001  
Jan 1993

910-029  
January 13, 1993

DEPT. OF BUILDING INSPECTION  
CITY OF PORTLAND, ME  
RECEIVED  
JAN 22 1993

RECEIVED  
JAN 14 1993  
DUFRESNE HENRY INC.  
SOUTH PORTLAND, ME

Mr. Skip Parker  
Dufresne Henry Engineers, Inc.  
400 Southborough Drive  
South Portland, Maine 04106

RE: Portland International Jetport Security Project - Handicap  
Accessibility

Dear Skip:

I am in receipt of your letter (from Eastern Electric) regarding handicap accessibility, as it pertains to this Security Project, at the Jetport.

As you are aware, this is primarily an electrical/security project and as such, has not impacted the various handicap code requirements to any great degree.

To the extent that doors had electronics operating equipment installed, they were installed to be within reach of wheelchair confined persons. All of the doors in question - those which have had leafs replaced or are new, 3'-0" in width, (except one which had an existing 2'-10" frame.) door closers have adjustable pressure capability, and all replaced doors have had knobsets replaced with lever handles per Specification 08710, 2.01, B (enclosed). All of these should meet the applicable standards.

There has been no attempt to bring the entire Jetport into compliance, but as various projects occur at that location overtime, it is expected that as many of requirements as possible will be upgraded.

Mr. Skip Parker  
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The building's last major renovations, were designed to serve the handicapped. this particular project, to the extent doors were replaced, has brought this project, to the best of our knowledge, to current compliance and has served to elevate its' handicap accessibility to another level in terms of overall compliance.

I have reviewed these issues, and the project in general, with Dennis Pratt at Alpha-One and he and I feel that within the constraints of the type of project this represents, we satisfy the current handicap code requirements.

Very truly yours,

PHILLIP J. DOUGHTY ASSOCIATES-ARCHITECTS



Phillip J. Doughty, A.I.A.  
Principal

Enclosure

PJD/dc

Copy: File

**MURRAY GENERAL CONTRACTORS**

F.P. & C.H. Murray, Inc.  
 P.O. Box 2530  
 SOUTH PORTLAND, MAINE 04106

Phone (207) 799-8136  
 FAX # (207) 799-1056

**LETTER OF TRANSMITTAL**

DATE January 21, 1993	JOB NO. 6116
ATTENTION Portland Jetport	
RE:	

TO CITY OF PORTLAND  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

WE ARE SENDING YOU  Attached  Under separate cover via \_\_\_\_\_ the following items:

- Shop drawings       Prints       Plans       Samples       Specifications  
 Copy of letter       Change order       \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
1			Architect's letter of design conformance

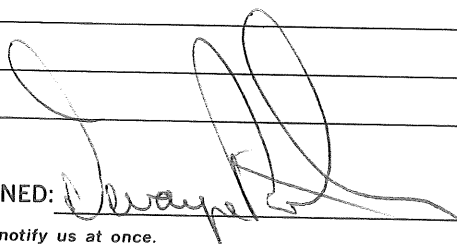
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**CITY OF PORTLAND, ME**  
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**JAN 22 1993**

THESE ARE TRANSMITTED as checked below:

- For approval       Approved as submitted       Resubmit \_\_\_\_\_ copies for approval  
 For your use       Approved as noted       Submit \_\_\_\_\_ copies for distribution  
 As requested       Returned for corrections       Return \_\_\_\_\_ corrected prints  
 For review and comment       \_\_\_\_\_  
 FOR BIDS DUE \_\_\_\_\_ 19 \_\_\_\_\_       PRINTS RETURNED AFTER LOAN TO US

REMARKS \_\_\_\_\_  
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COPY TO File: Regulatory

SIGNED: 

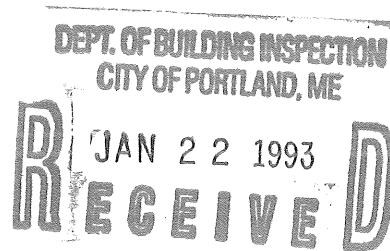


F.P. & C.H. MURRAY INC.  
P.O. BOX 2530  
SOUTH PORTLAND, MAINE 04106  
(207)799-8136



January 21, 1993

City of Portland  
Building Inspections  
Att: Mr. Kevin Carroll  
Congress Street  
Portland, ME 04101



Dear Mr. Carroll:

Subject: Portland Jetport/Security System Upgrade

This shall serve to confirm that the doors, hardware, and handrails on the above reference project have been installed in accordance with contract documents.

Sincerely,

F. P. & C. H. MURRAY, INC.

  
Dwayne Robinson  
Project Manager

DWR/dcf

file: Regulatory w/attach

# DH Dufresne-Henry

Dufresne-Henry, Inc.  
400 Southborough Drive  
South Portland, Maine 04  
Tel: 207-775-3211  
Fax: 207-775-6434

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2
To <i>Dwayne Robinson</i>	From <i>David Bradbury</i>	
Co. <i>Murray</i>	Co. <i>Roslin</i>	
Dept.	Phone #	
Fax #	Fax #	

January 15, 1993

Mr. David Bradbury  
Eastern Electrical Corporation  
P.O. Box 346  
Portland, ME 04112

RE: Portland Security Project  
Item Number 6 - Building Permit Conditions



Dear Dave:

Attached please find PDA's response to your letter of January 4, 1993. This should provide the required certification for the work performed at the Jetport.

If you have any questions, please contact me directly.

Very truly yours,

DUFRESNE-HENRY, INC

F. H. Parker  
Chief of Construction Services

FHP/lm  
Enclosure  
cc: Luc J. Carriere, D-H

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DEPT. OF BUILDING INSPECTION  
CITY OF PORTLAND, ME

Portland International Jetport  
Portland, Maine  
Engineer: Dufresne-Henry

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Finish Hardware

Section 08710 - Page 10

E. DOOR CLOSERS:

1. All door closers for this project shall be the product of one manufacturer, and shall have cast iron cases with full cover. Door closers shall be full rack and pinion type construction, non-handed and non-sized with adjustable back-check effective at 70° for both standard and parallel arm mounting. Door closer size shall be approximately 12 1/4" x 2" x 2 3/8" projection.
2. The following products will be considered acceptable for this project:

Corbin	- K120 - K121
LCN	- 1460-72G - 1461-72G
Russwin	- K2820 - K2821
Sargent	- 1250 - 1251
Architect approved	equal
3. The hardware contractor shall insert in the hardware schedule, beside each door listing, the required degree of opening for each door. If the door swing is over 140 degrees, parallel arm type closers shall be used. Door closers mounted on corner brackets, or top jamb application, shall not be permitted.
4. Provide hold open arms, where specified, in accordance with the hardware set numbers.
5. Door closers with cush-n-stop arms shall be provided for all exterior, out-swing doors and other openings as specified under hardware sets. They shall have heavy forged steel parallel arms and soffit plates attached to the frame by six (6) screws. The forged steel arm shall have a positive stop bracket with an adjustable tension hold-open feature controlled with a slotted screw or control knob, permitting adjustment from no hold-open to full restraint of door movement.
6. Where door closers are noted to require delayed action feature, provide closers as specified herein, but having a separate delayed action valve, to permit adjustment of delayed action cycle. When adjusted, the door closer shall close at a controlled rate of speed, through the delayed action cycle range.
7. The installing contractor shall be responsible for proper installation of door closers in accordance with degree of opening indicated on hardware schedule. The installing contractor shall be responsible for adjustment of the three

DEPT. OF BUILDING INSPECTION  
CITY OF PORTLAND, ME

Portland International Jetport  
Portland, Maine  
Engineer: Dufresne-Henry

Finish Hardware

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individual valves, for proper control as follows:

- 1- closing speed,
- 2- latching speed,
- 3- delayed action, or backcheck.

Spring power adjustments, shall also be the responsibility of the installing contractor as set forth in Part III Execution.

8. Where top rail of door is insufficient in width to mount the closer directly to the rail, drop brackets shall be provided.
9. All door closers shall be listed by Underwriters Laboratories for use on self closing fire rated doors.

F. DOOR STOPS:

1. It shall be the responsibility of the hardware supplier to provide door stops for all doors in accordance with the following requirements.
2. Wall type bumpers with a concealed type flange shall be used wherever possible and shall be one of the following:
  - Ives - 407 1/2
  - Door Controls - 3211T
  - Rockwood - 406
  - Architect approved equal
3. Where wall type bumpers cannot be used, such as on unreinforced partitions or in situations where door comes in contact with material such as glass, or any other obstruction, provide dome type floor stops of the proper height.
  - Ives - 436, 438
  - Door Controls - 3310X, 3320X
  - Rockwood - 440, 442
  - Architect approved equal
4. Exterior doors striking masonry and other doors specified to have door stops and holders shall have cast bronze wall or floor type door stops holders with hook or staple to engage door and to selectively hold in open position. The following will be acceptable:
  - Ives - 445, 446
  - Door Controls - 3237X, 3347X
  - Rockwood - 473, 477
  - Architect approved equal

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Finish Hardware  
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- E. Hinges of foreign manufacture shall not be considered acceptable for this project.
- 3. Two hinges shall be provided for each door leaf up to and including five feet (5'0") in height. An additional hinge shall be required for each additional two and one half feet (2'6") or fraction thereof in height.
- 4. All outswinging exterior doors, and any interior doors so indicated in hardware sets, shall be furnished with non-removable pins (NRP).
- 5. Refer to finish section for hinge finish.
- 6. All hinges to be reused except as noted in hardware sets.

B. MORTISE LEVER HANDLE LOCKSETS:



- 1. Locksets for this project shall be mortise type with solid cast or forged stainless steel lever handle with stainless steel sectional trim.
- 2. The lockset case shall be .093 gauge wrought steel with zinc dichromate finish.
- 3. Strikes shall be curved lip stainless steel ANSI Standard A15.1, 4 7/8" x 1 1/4".
- 4. Locks and cylinders shall be manufactured and supplied by the same manufacturers. All locksets and cylinders for this project shall be manufactured in the United States of America by a recognized and reputable lock manufacturer.
- 5. Locksets for labeled fire doors shall have a fusible link or other mechanism to prevent latchbolt retraction in the event of fire.
- 6. The following is a guide to the manufacturers and designs acceptable for this project.
 

Schlage	L9000	Series	06A/17A	Design	(Cast or Forged)
Sargent	8100	Series	LNL	Design	(Cast or Forged)
Architect approved equal					
- 7. The following is a list of lock functions as indicated under "hardware sets":